

**Table 1. 2003 Summary Statistics**

Item	Value	U.S. Rank
<b>Georgia</b>		
NERC Region(s) .....		SERC
Primary Energy Source .....		Coal
Net Summer Capability (megawatts) .....	34,815	7
Electric Utilities .....	24,804	3
Independent Power Producers & Combined Heat and Power .....	10,011	10
Net Generation (megawatthours) .....	124,076,834	11
Electric Utilities .....	115,755,114	5
Independent Power Producers & Combined Heat and Power .....	8,321,720	29
Emissions (thousand metric tons)		
Sulfur Dioxide .....	586	5
Nitrogen Oxide .....	121	14
Carbon Dioxide .....	79,356	10
Sulfur Dioxide (lbs/MWh) .....	10.4	7
Nitrogen Oxide (lbs/MWh) .....	2.2	33
Carbon Dioxide (lbs/MWh) .....	1,410	24
Total Retail Sales (megawatthours) .....	123,676,657	8
Full Service Provider Sales (megawatthours) .....	123,676,657	6
Direct Use (megawatthours) .....	5,556,906	6
Average Retail Price (cents/kWh) .....	6.32	32

See footnotes at end of tables.

**Table 2. Ten Largest Plants by Generating Capability, 2003**

Plant	Energy Sources	Operating Company	Net Summer Capability (MW)
<b>Georgia</b>			
1. Scherer .....	Petroleum, Coal	Georgia Power Co	3,430
2. Bowen .....	Petroleum, Coal	Georgia Power Co	3,254
3. Vogtle .....	Nuclear	Georgia Power Co	2,301
4. Wansley .....	Petroleum, Coal	Georgia Power Co	1,827
5. Edwin I Hatch .....	Nuclear	Georgia Power Co	1,739
6. Harlee Branch .....	Petroleum, Coal	Georgia Power Co	1,607
7. Yates .....	Petroleum, Gas, Coal	Georgia Power Co	1,295
8. Murray Energy Facility .....	Gas	Duke Energy North Amer-Murray	1,244
9. Wansley .....	Gas	Southern Power Co	1,066
10. Tenaska Georgia Generation Facility .....	Gas, Petroleum	Tenaska Georgia Partners LP	933

See footnotes at end of tables.

**Table 3. Top Five Providers of Retail Electricity, 2003**  
(Megawatthours)

Entity	Ownership Type	All Sectors	Residential	Commercial	Industrial	Transportation
<b>Georgia</b>						
1. Georgia Power Co .....	Investor-Owned	75,018,318	21,778,582	27,356,003	25,703,421	180,312
2. Savannah Electric & Power Co .....	Investor-Owned	4,186,501	1,738,489	1,587,662	860,350	0
3. Jackson Electric Member Corp .....	Cooperative	3,895,718	2,240,198	1,165,344	490,176	0
4. Cobb Electric Membership Corp .....	Cooperative	3,334,246	2,069,353	1,060,318	204,575	0
5. North Georgia Elec Member Corp .....	Cooperative	2,542,727	1,348,285	468,679	725,763	0
Total Sales, Top Five Providers .....		88,977,510	29,174,907	31,638,006	27,984,285	180,312
Percent of Total State Sales .....		72	61	78	80	100

See footnotes at end of tables.

**Table 4. Electric Power Industry Net Summer Capability by Primary Energy Source, 1994, 1998, and 2003**  
(Megawatts)

Energy Source	1994	1998	2003	Annual Growth Rate 1994-2003 (Percent)	Percentage Share		
					1994	1998	2003
Georgia							
Electric Utilities.....	22,038	23,391	24,804	1.3	94.1	93.2	71.2
Coal.....	13,164	13,540	13,331	.1	56.2	54.0	38.3
Petroleum.....	1,057	1,018	991	−.7	4.5	4.1	2.8
Natural Gas.....	33	35	1,721	55.2	.1	.1	4.9
Dual Fired.....	1,092	1,392	1,170	.8	4.7	5.5	3.4
Nuclear .....	3,840	3,947	4,040	.6	16.4	15.7	11.6
Hydroelectric .....	2,029	2,335	2,097	.4	8.7	9.3	6.0
Pumped Storage .....	823	1,124	1,454	6.5	3.5	4.5	4.2
Independent Power Producers and Combined							
Heat and Power .....	1,392	1,692	10,011	24.5	5.9	6.7	28.8
Coal.....	64	51	317	19.5	.3	.2	.9
Petroleum.....	197	189	307	5.1	.8	.8	.9
Natural Gas.....	27	305	5,364	80.0	.1	1.2	15.4
Dual Fired.....	397	389	3,613	27.8	1.7	1.6	10.4
Hydroelectric .....	13	11	11	−1.8	.1	*	*
Other Renewables .....	694	747	399	−6.0	3.0	3.0	1.1
Total Electric Industry.....	23,431	25,086	34,815	4.5	100.0	100.0	100.0
Coal.....	13,228	13,591	13,648	.3	56.5	54.2	39.2
Petroleum.....	1,253	1,207	1,297	.4	5.3	4.8	3.7
Natural Gas.....	61	340	7,084	69.6	.3	1.4	20.3
Dual Fired.....	1,489	1,782	4,784	13.8	6.4	7.1	13.7
Nuclear .....	3,840	3,947	4,040	.6	16.4	15.7	11.6
Hydroelectric .....	2,043	2,347	2,109	.4	8.7	9.4	6.1
Other Renewables .....	694	748	399	−6.0	3.0	3.0	1.1
Pumped Storage .....	823	1,124	1,454	6.5	3.5	4.5	4.2

See footnotes at end of tables.

**Table 5. Electric Power Industry Generation by Primary Energy Source, 1994, 1998, and 2003**  
(Megawatthours)

Energy Source	1994	1998	2003	Annual Growth Rate 1994-2003 (Percent)	Percentage Share		
					1994	1998	2003
Georgia							
Electric Utilities.....	98,752,712	108,716,930	115,755,114	1.8	94.6	94.3	93.3
Coal.....	64,727,519	69,871,150	77,858,022	2.1	62.0	60.6	62.8
Petroleum.....	161,235	670,924	278,618	6.3	.2	.6	.2
Natural Gas.....	79,854	1,768,783	890,600	30.7	.1	1.5	.7
Nuclear .....	28,927,090	31,380,401	33,256,649	1.6	27.7	27.2	26.8
Hydroelectric .....	4,278,558	5,198,370	4,107,318	-5	4.1	4.5	3.3
Pumped Storage .....	578,456	-172,698	-636,093	NM	.6	-1	-5
Independent Power Producers and Combined							
Heat and Power .....	5,603,697	6,606,776	8,321,720	4.5	5.4	5.7	6.7
Coal.....	971,233	1,006,902	780,467	-2.4	.9	.9	.6
Petroleum.....	837,044	900,267	915,441	1.0	.8	.8	.7
Natural Gas.....	554,097	1,524,357	3,386,391	22.3	.5	1.3	2.7
Hydroelectric .....	52,877	36,151	32,952	-5.1	.1	*	*
Other Renewables .....	3,188,446	3,132,418	3,206,469	.1	3.1	2.7	2.6
Other .....	0	6,681	0	NM	.0	*	.0
Total Electric Industry.....	104,356,409	115,323,706	124,076,834	1.9	100.0	100.0	100.0
Coal.....	65,698,752	70,878,052	78,638,489	2.0	63.0	61.5	63.4
Petroleum.....	998,279	1,571,191	1,194,059	2.0	1.0	1.4	1.0
Natural Gas.....	633,951	3,293,140	4,276,991	23.6	.6	2.9	3.4
Nuclear .....	28,927,090	31,380,401	33,256,649	1.6	27.7	27.2	26.8
Hydroelectric .....	4,331,435	5,234,521	4,140,270	-5	4.2	4.5	3.3
Other Renewables .....	3,188,446	3,132,418	3,206,469	.1	3.1	2.7	2.6
Pumped Storage .....	578,456	-172,698	-636,093	NM	.6	-1	-5
Other .....	0	6,681	0	NM	.0	*	.0

See footnotes at end of tables.

**Table 6. Electric Power Delivered Fuel Prices for Coal, Petroleum, and Natural Gas, 1994, 1998, and 2003**

Fuel, Quality	1994	1998	2003	Annual Growth Rate 1994-2003 (Percent)
<b>Georgia</b>				
Coal (cents per million Btu).....	169.1	154.5	171.9	0.2
Average heat value (Btu per pound).....	11,774	11,750	11,668	-.1
Average sulfur Content (percent).....	1.1	.8	.8	-2.8
Petroleum (cents per million Btu).....	396.3	327.6	267.9	-4.3
Average heat value (Btu per gallon).....	138,484	138,497	134,648	-.3
Average sulfur Content (percent).....	.5	.5	4.3	27.2
Natural Gas (cents per million Btu).....	320.8	316.0	571.7	6.6
Average heat value (Btu per cubic foot).....	1,025	1,028	1,035	.1

See footnotes at end of tables.

**Table 7. Electric Power Industry Emissions Estimates, 1994, 1998, and 2003**  
(Thousand Metric Tons)

Emission Type	1994	1998	2003	Annual Growth Rate 1994-2003 (Percent)
<b>Georgia</b>				
Sulfur Dioxide				
Coal .....	528	475	517	-0.2
Petroleum .....	4	14	42	30.8
Natural Gas .....	—	*	*	NM
Other .....	33	21	27	-2.2
Total .....	564	510	586	.4
Nitrogen Oxide				
Coal .....	228	172	105	-8.2
Petroleum .....	4	4	5	2.3
Gas .....	2	5	2	3.0
Other .....	10	10	9	-1.1
Total .....	243	190	121	-7.5
Carbon Dioxide				
Coal .....	62,103	69,660	74,703	2.1
Petroleum .....	2,645	2,985	2,320	-1.4
Gas .....	888	2,793	2,175	10.5
Geothermal .....	—	—	—	NM
Other .....	—	17	159	NM
Total .....	65,636	75,455	79,356	2.1

See footnotes at end of tables.

**Table 8. Retail Sales, Revenue, and Average Retail Price by Sector, 1994, 1998, and 2003**

Sector	1994	1998	2003	Annual Growth Rate 1994-2003 (Percent)	Percentage Share		
					1994	1998	2003
Georgia							
Retail Sales (thousand megawatthours)							
Residential.....	32,735	41,519	48,174	4.4	36.4	37.5	38.9
Commercial.....	26,161	32,766	40,554	5.0	29.1	29.6	32.8
Industrial.....	29,942	35,077	34,768	1.7	33.3	31.7	28.1
Other.....	1,075	1,358	NA	NM	1.2	1.2	NA
Transportation.....	NA	NA	180	NM	NA	NA	.1
Total.....	89,913	110,720	123,677	3.6	100.0	100.0	100.0
Retail Revenue (million dollars)							
Residential.....	2,527	3,185	3,711	4.4	42.8	44.9	47.5
Commercial.....	1,918	2,297	2,699	3.9	32.5	32.4	34.5
Industrial.....	1,368	1,483	1,397	.2	23.2	20.9	17.9
Other.....	94	122	NA	NM	1.6	1.7	NA
Transportation.....	NA	NA	9	NM	NA	NA	.1
Total.....	5,907	7,087	7,816	3.2	100.0	100.0	100.0
Average Retail Price (cents/kWh)							
Residential.....	7.72	7.67	7.70	*	NA	NA	NA
Commercial.....	7.33	7.01	6.66	-1.1	NA	NA	NA
Industrial.....	4.57	4.23	4.02	-1.4	NA	NA	NA
Other.....	8.71	8.99	NA	NM	NA	NA	NA
Transportation.....	NA	NA	4.81	NM	NA	NA	NA
Total.....	6.57	6.40	6.32	- .4	NA	NA	NA

See footnotes at end of tables.

**Table 9. Retail Electricity Sales Statistics, 2003**

Item	Full Service Providers					Other Providers		Total
	Investor-Owned	Public	Federal	Cooperative	Facility	Energy	Delivery	
Georgia								
Number of Entities.....	2	53	NA	43	NA	NA	NA	98
Number of Retail Customers.....	2,158,412	329,152	NA	1,668,488	NA	NA	NA	4,156,052
Retail Sales (thousand megawatthours) .....	79,205	11,494	NA	32,978	NA	NA	NA	123,677
Percentage of Retail Sales .....	64.04	9.29	NA	26.66	NA	NA	NA	100.00
Revenue from Retail Sales (million dollars) .....	4,608	753	NA	2,455	NA	NA	NA	7,816
Percentage of Revenue.....	58.96	9.64	NA	31.41	NA	NA	NA	100.00
Average Retail Price (cents/kWh).....	5.82	6.55	NA	7.44	NA	NA	NA	6.32

Table 9 Notes: Data are shown for All Sectors. **Full Service Providers** sell bundled electricity services (e.g., both energy and delivery) to end users. Full Service Providers may purchase electricity from others (such as Independent Power Producers or other full service providers) prior to delivery. **Other Providers** sell either the energy or the delivery services, but not both. Sales volumes and customer counts shown for Other Providers refer to delivered electricity, which is a joint activity of both energy and delivery providers; for clarity, they are reported only in the Energy column in this table. The revenue shown under Other Providers represents the revenue realized from the sale of the energy and the delivery services distinctly. "Public" entities include municipalities, State power agencies, and municipal marketing authorities. "Federal" entities are either owned or financed by the Federal Government. "Cooperatives" are electric utilities legally established to be owned by and operated for the benefit of those using its service. The cooperative will generate, transmit, and/or distribute supplies of electric energy to a specified area not being serviced by another utility. "Facility" sales represent direct electricity transactions from independent generators to end use consumers.

Other Notes: NA = Not applicable; NM = Not meaningful;

W = Withheld to avoid disclosure of individual company data;

\* = Value is less than half of the smallest unit of measure (e.g., for values with no decimals, the smallest unit is '1' and values under 0.5 are shown as '\*').

Totals may not equal sum of components because of independent rounding;

Table 4 "Other Renewables" includes generation from municipal solid waste; Table 7 "Other" includes emissions from municipal solid waste.

Direct Use is commercial or industrial use of electricity that 1) is self-generated, 2) is produced by either the same entity that consumes the power or an affiliate, and 3) is used in direct support of a service or industrial process located within the same facility or group of facilities that houses the generating equipment. Direct use is exclusive of station use.